

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	689	ester adj phenol and (lubricant or lubricat \$4)	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/21 14:14
L2	18	L1 and phenol near antioxidant	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/21 14:14
L3	25	WO-2004096957-\$. DID. OR WO-03022963-\$.DID. OR US-6583092-\$.DID. OR EP-1266952-\$. DID. OR US-4582618-\$.DID. OR WO-03104620-\$.DID. OR US-5006271-\$.DID. OR US-5719107-\$. DID. OR US-2227692-\$.DID. OR US-2937992-\$.DID. OR US-3909425-\$.DID. OR JP-63061090-\$. DID. OR US-4960528-\$.DID. OR US-3090425-\$.DID. OR WO-1266952-\$.DID. OR US-266952D-\$. DID. OR EP-03104620-\$.DID. OR EP-03104620D-\$.DID. OR WO-63061090-\$.DID.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/05/21 14:20
L4	0	3 and ester adj phenol	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/05/21 14:21
L5	9	3 and phenol	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/05/21 14:22
L6	1	3 and ester near phenol	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/05/21 14:23

L7	16	"ARTMAN, DIANE". in.; "ABRAHAM, WILLIAM". in.; "CARRICK, VIRGINIA".in.;" "VILARDO, JONATHAN".in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/05/21 14:26
L8	0	"ARTMAN, DIANE". in.; "ABRAHAM, WILLIAM". in.; "CARRICK, VIRGINIA". in.; "VILARDO, JONATHAN".in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/05/21 14:26
L9	4	"ARTMAN, DIANE".in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/05/21 14:27
L10	146	"ABRAHAM, WILLIAM". in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/05/21 14:27
L11	45	"CARRICK, VIRGINIA". in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/05/21 14:27
L12	16	"VILARDO, JONATHAN".in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/05/21 14:28
L13	178	9 or 10 or 11 or 12	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/05/21 14:28
L14	4	13 and ester near phenol	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/05/21 14:28
L15	36	13 and phosphorus and sulfur and antiwear and dispersant and ash	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/05/21 14:30
L16	9	13 and low adj phosphorus and low adj sulfur and antiwear and dispersant and ash	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/05/21 15:07

S1	41	(lubricant or lubricat \$4) and (low adj phosphorus) and (low adj sulfur or low adj sulphur)	EPO; JPO; DERWENT	OR	ON	2008/05/20 16:13
S2	0	S1 and (antiwear or sulphurize adj olefin) and (dispersant or succinimide) and (detergent or salixarates or salicylate or saligenin or glyoxylate) and diesel and (antioxidant or hindered adj phenol or amine adj antioxidant) and sulphated adj ash	EPO; JPO; DERWENT	OR	ON	2008/05/20 16:17
S3	21	S1 and diesel	EPO; JPO; DERWENT	OR	ON	2008/05/20 16:18
S4	0	S2 and (compression adj ignition)	EPO; JPO; DERWENT	OR	ON	2008/05/20 16:18
S5	0	S2 and (compression adj ignited)	EPO; JPO; DERWENT	OR	ON	2008/05/20 16:19
S6	92	(lubricant or lubricat \$4) and (low adj phosphorus) and (low adj sulfur or low adj sulphur)	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/20 16:19
S7	4	S6 and (antiwear or sulphurize adj olefin) and (dispersant or succinimide) and (detergent or salixarates or salicylate or saligenin or glyoxylate) and diesel and (antioxidant or hindered adj phenol or amine adj antioxidant) and sulphated adj ash	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/20 16:19

S8	4	S6 and (antiwear or sulfurize adj olefin) and (dispersant or succinimide) and (detergent or salixarates or salicylate or saligenin or glyoxylate) and diesel and (antioxidant or hindered adj phenol or amine adj antioxidant) and sulphated adj ash	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/20 16:20
S9	0	S8 and ester near phenol	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/20 16:21
S10	4	S8 and ester	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/20 16:21
S11	69	(lubricant or lubricat \$4) and (low adj phosphorus) and (low adj sulfur or low adj sulphur) and diesel	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/20 16:28
S12	64	(lubricant or lubricat \$4) and (low adj phosphorus) and (low adj sulfur or low adj sulphur) and diesel and ash	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/20 16:32
S13	3	"2003099972"	EPO; JPO; DERWENT	OR	ON	2008/05/20 16:36
S14	4	"2002018521"	EPO; JPO; DERWENT	OR	ON	2008/05/20 16:40
S15	1	"5102566"	EPO; JPO; DERWENT	OR	ON	2008/05/20 16:42
S16	62	"5102566"	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/21 08:06
S17	56	S16 and succinic	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/21 08:06
S18	48	S16 and succinimide	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/21 08:06
S19	0	S18 and hinder adj phenol	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/21 09:07
S20	0	S18 and ester adj phenol	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/21 09:08
S21	47	S18 and phenol	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/21 09:08

S22	47	S21 and ester	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/21 09:08
S23	47	S22 and detergent	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/21 09:08
S24	36	S23 and (salicylate or salixarate or saligenin)	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/21 09:09
S25	1	S24 and sump	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/21 09:12
S26	1884	sump and lubricat\$4 and diesel	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/21 09:12
S27	110	S26 and sulfur and ash and phosphorus	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/21 09:13
S28	0	S27 and ester adj phenol	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/21 09:20
S29	2250	ester adj phenol	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/21 09:20
S30	689	ester adj phenol and (lubricant or lubricat \$4)	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/21 09:20
S31	293	S30 and antioxidant	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/21 09:20
S32	27	S31 and diesel	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/21 09:21
S33	0	S32 and hindered adj ester adj phenol adj antioxidant	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/21 09:23
S34	0	hindered adj ester adj phenol adj antioxidant	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/21 09:23
S35	0	hindered adj ester adj phenol	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/21 09:23
S36	7	"3791985"	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/21 09:34
S37	1	S36 and S29	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/21 09:34
S38	73	WO-2004096957-\$. DID. OR US-4582618- \$.DID. OR US- 5006271-\$.DID. OR US-5719107-\$.DID. OR US-2227692-\$. DID. OR US-4957651- \$.DID. OR US- 5005000-\$.DID. OR US-4234435-\$.DID. OR US-3172892-\$. DID. OR US-3381022- \$.DID. OR US-	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/05/21 10:23

		4654403-\$.DID. OR US-2501731-\$.DID. OR US-2616905-\$. DID. OR US-2616911- \$.DID. OR US- 2616925-\$.DID. OR US-2777874-\$.DID. OR US-3256186-\$. DID. OR US-3384585- \$.DID. OR US- 3365396-\$.DID. OR US-3320162-\$.DID. OR US-3318809-\$. DID. OR US-3488284- \$.DID. OR US- 3629109-\$.DID. OR US-6310009-\$.DID. OR US-6200936-\$. DID. OR WO-0156968- \$.DID. OR US- 2933520-\$.DID. OR US-3954808-\$.DID. OR US-6310011-\$. DID. OR US-4719023- \$.DID. OR US- 3372116-\$.DID. OR US-6569818-\$.DID. OR US-6107257-\$. DID. OR US-6107258- \$.DID. OR WO- 0198387-\$.DID. OR US-6544935-\$.DID. OR US-8787587-\$. DID. OR WO- 20041096957-\$.DID.				
S39	4	S38 and low adj phosphorus	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/05/21 10:32
S40	3	S39 and olefin	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/05/21 10:39

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